

FIG. 1 is a schematic diagram of a mechanical device, likely a pump or valve assembly, shown in a cross-sectional view. The device features a large, circular, multi-layered outer casing (12). Inside this casing, there is a central vertical shaft (10) with a handle (16) at the top. A lever arm (13) is connected to the shaft. The lever arm is pivoted at its base (136) and has a curved, hook-like end (138) that interacts with a component (135) on the shaft. A spring (133) is shown near the pivot point. The lever arm is also connected to a larger, curved component (50) which is part of a larger assembly (40). This assembly includes a vertical rod (48) and a horizontal rod (46). A spring (54) is also shown near the lever arm. The entire device is mounted on a base (52). The diagram is labeled with various reference numerals: 10, 12, 13, 16, 135, 136, 138, 150, 40, 46, 48, 50, 52, 54, and 56.

15.61

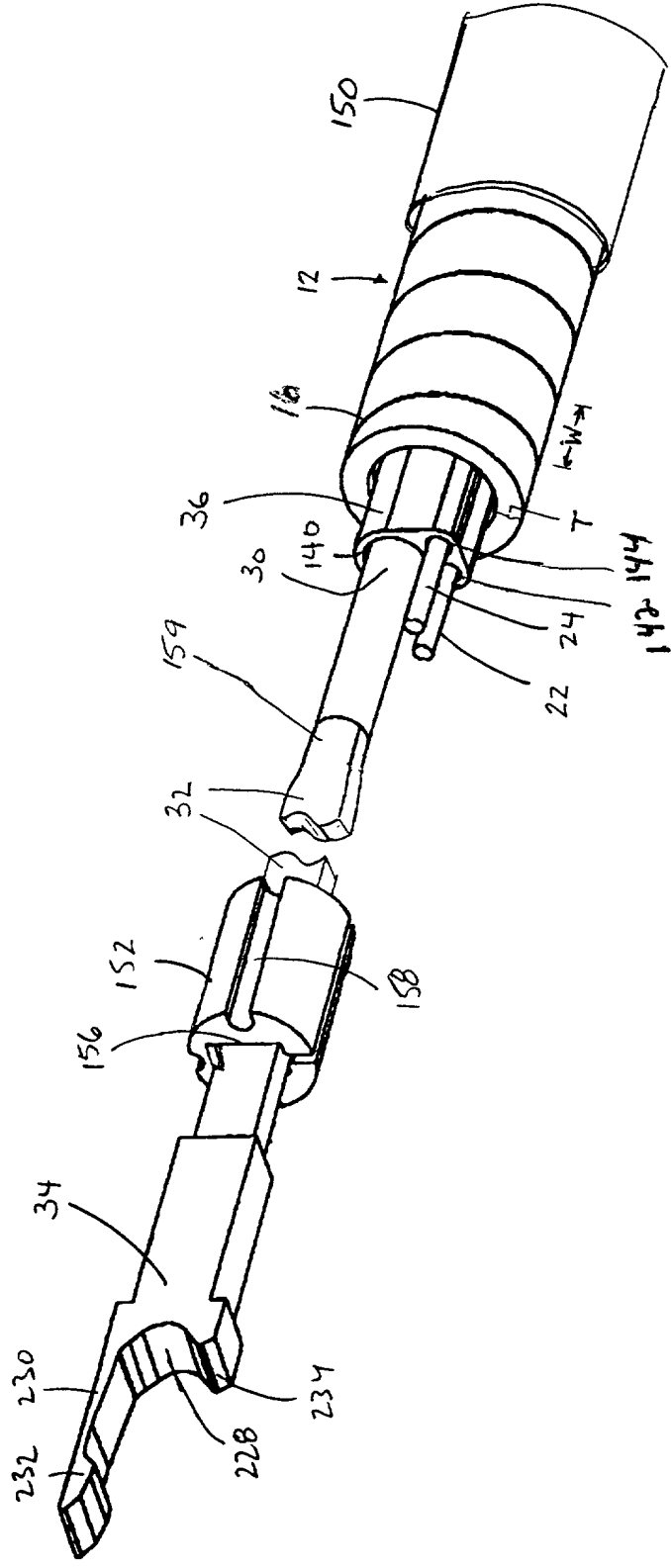


FIG. 2

100-443887-100

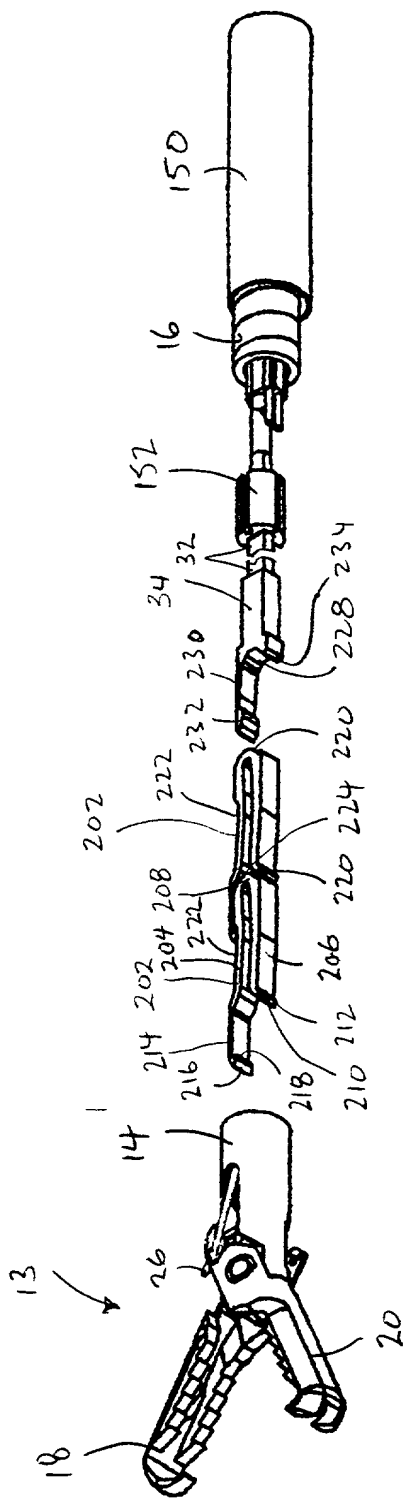


Fig. 2A

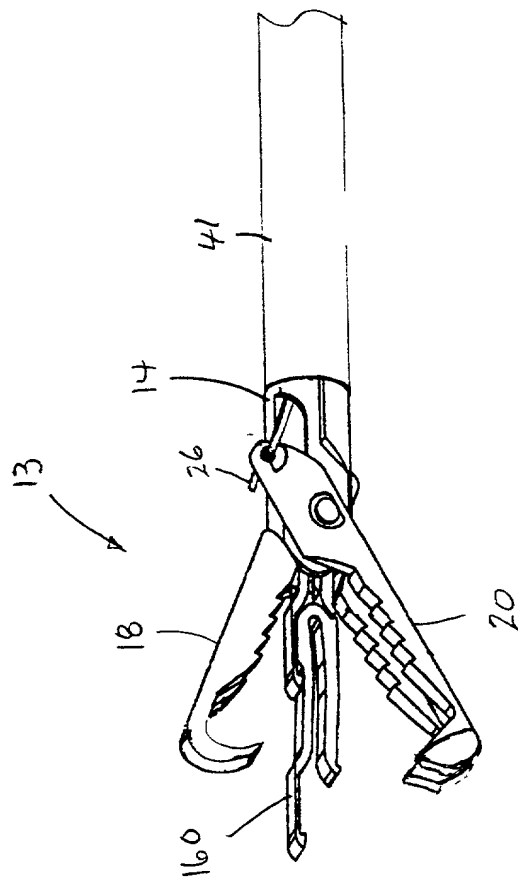


Fig. 3

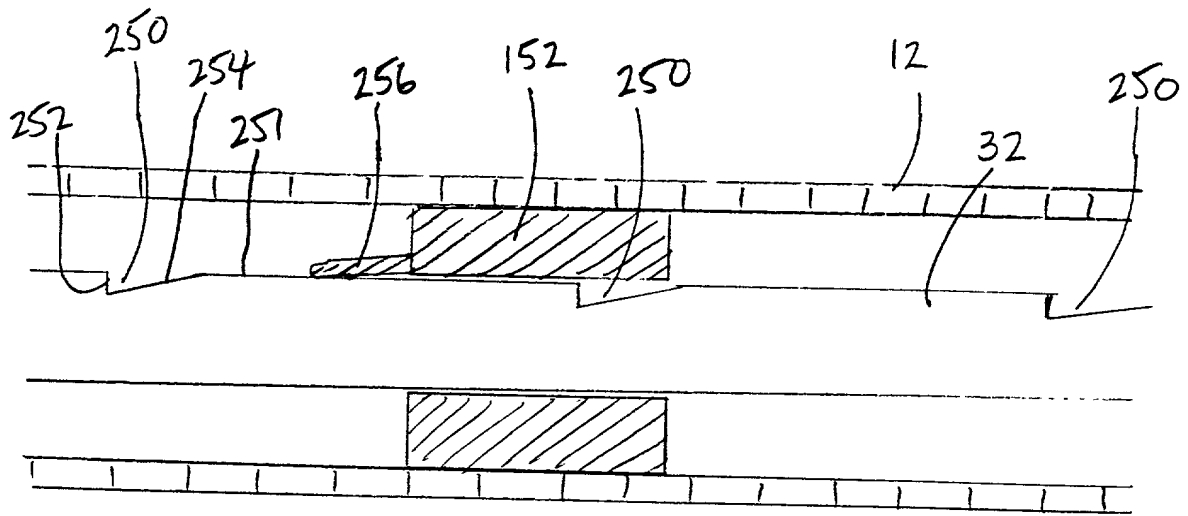


FIG. 2B

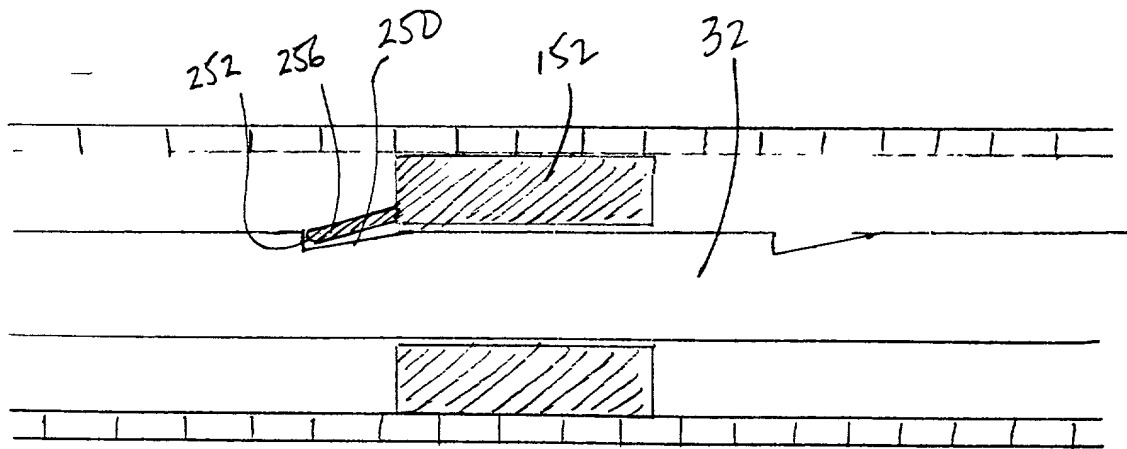


FIG. 2C

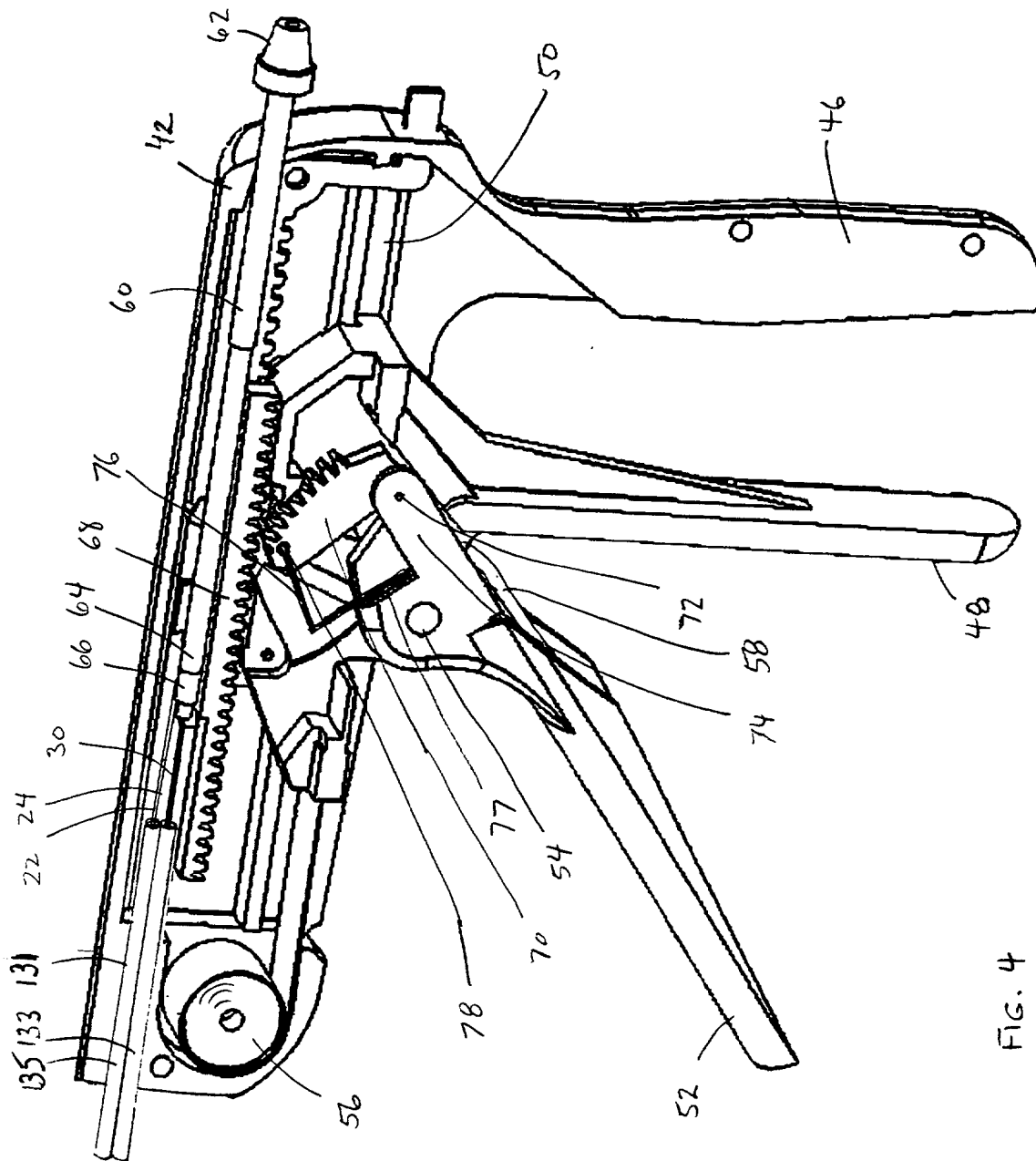


FIG. 4

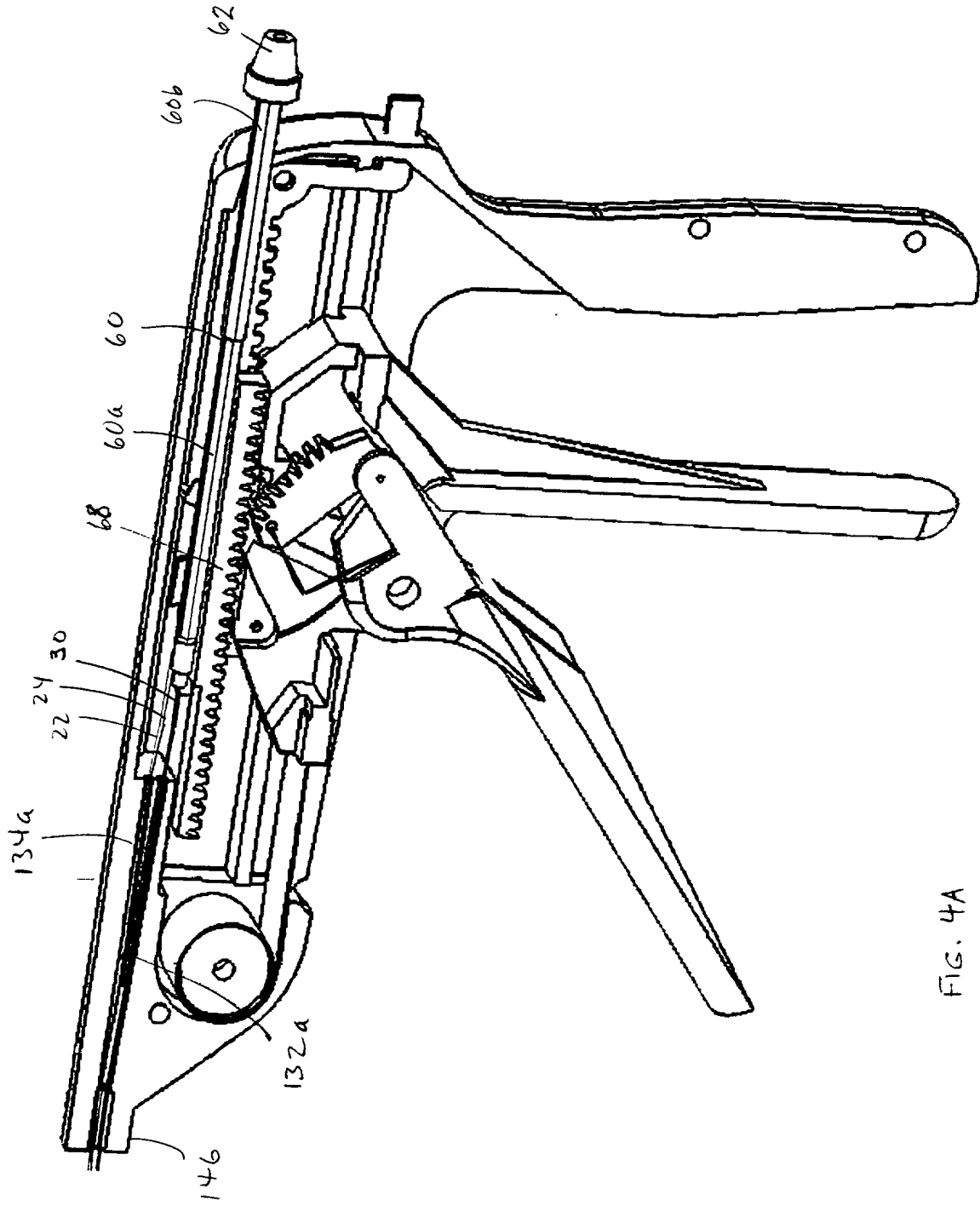


FIG. 4A

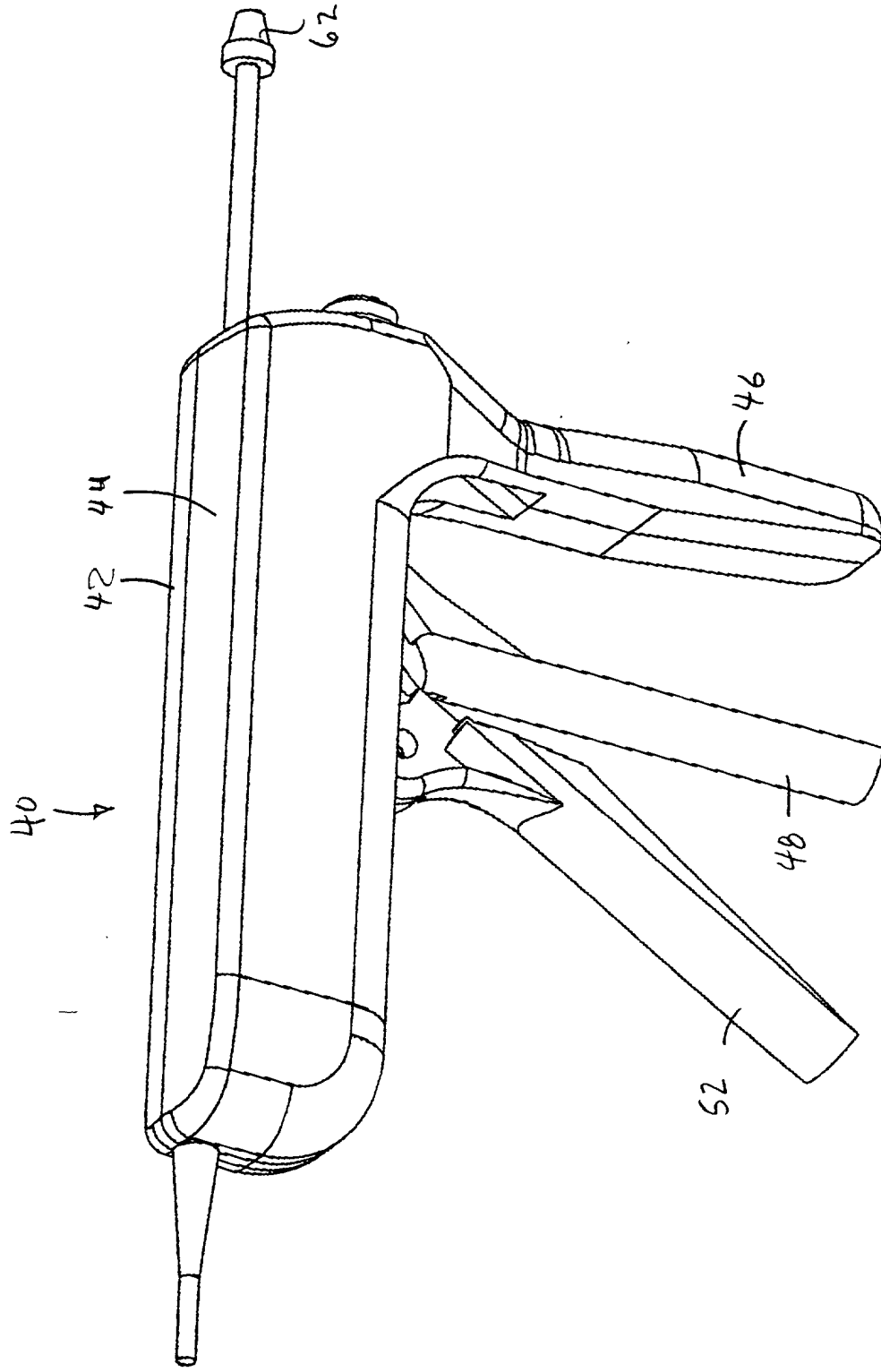
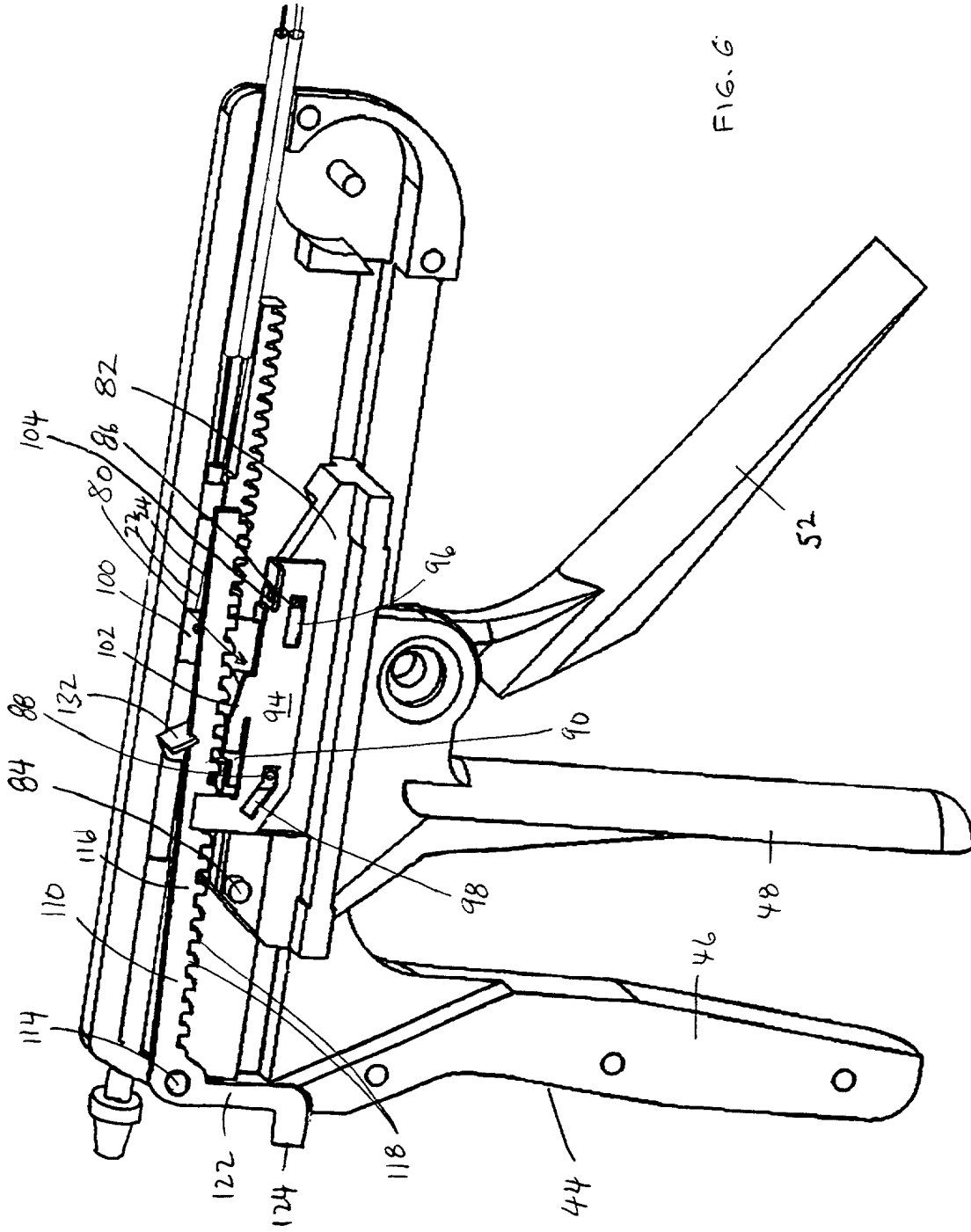


FIG. 5



F16.6

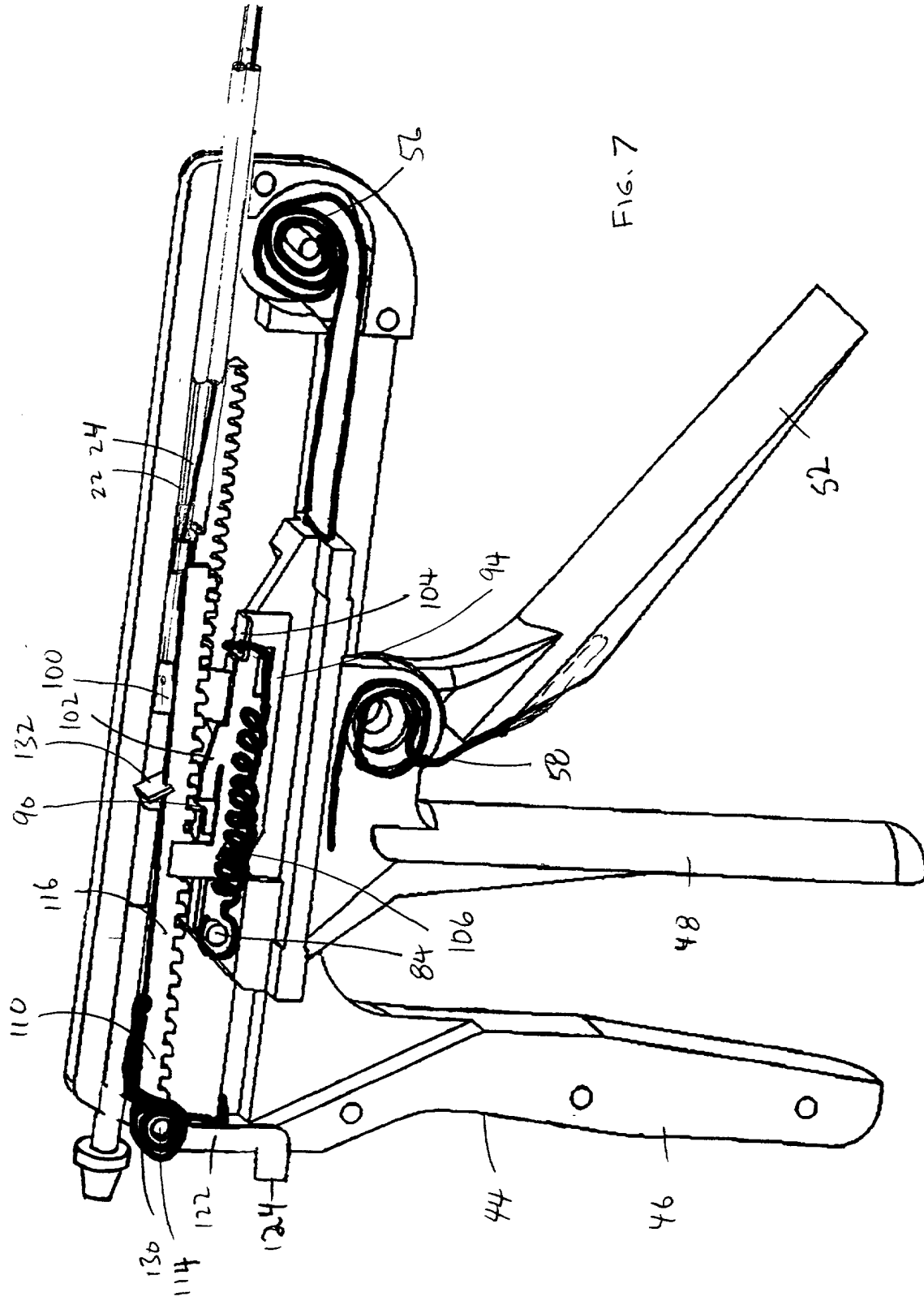


FIG. 7

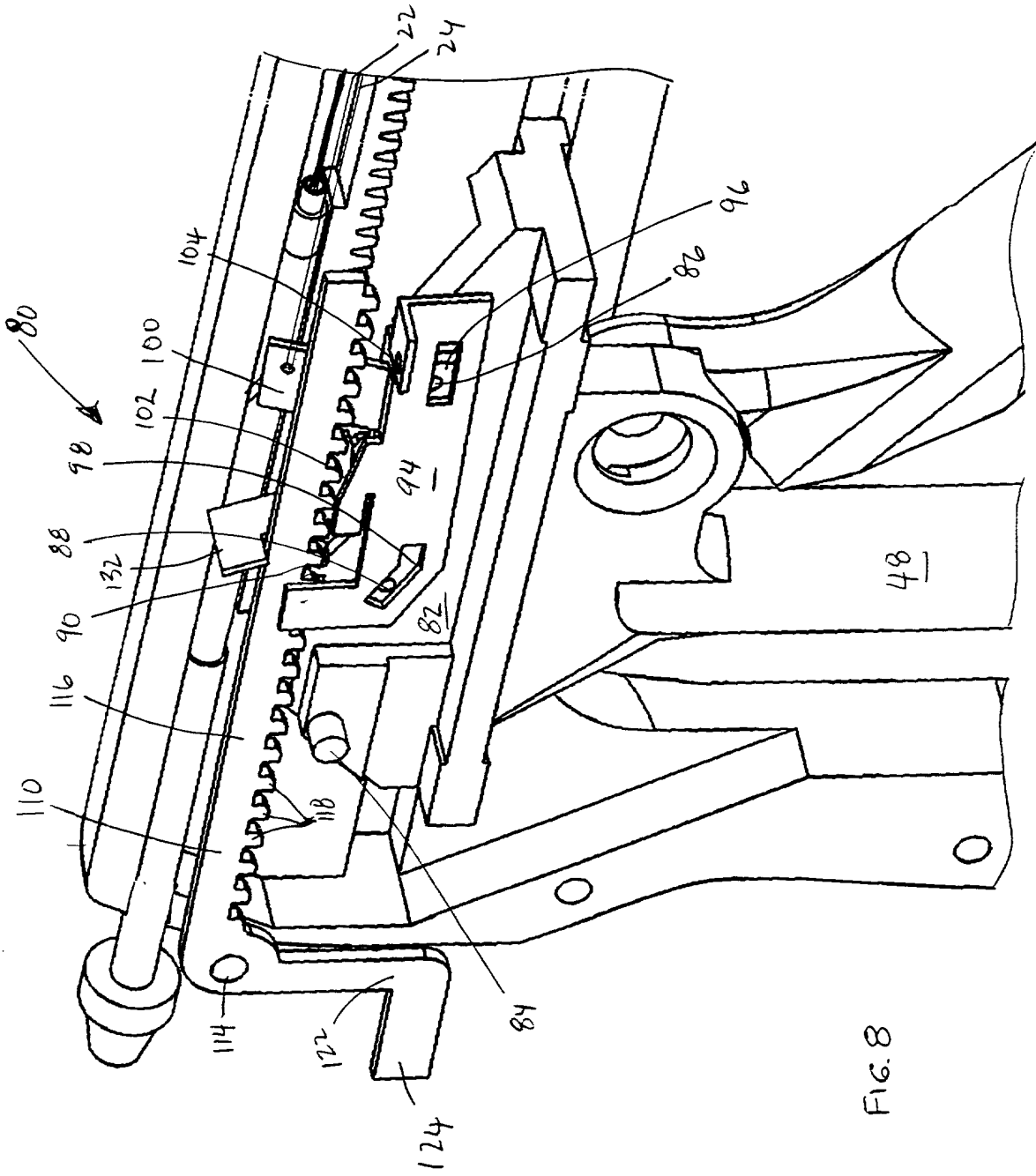


FIG. 8

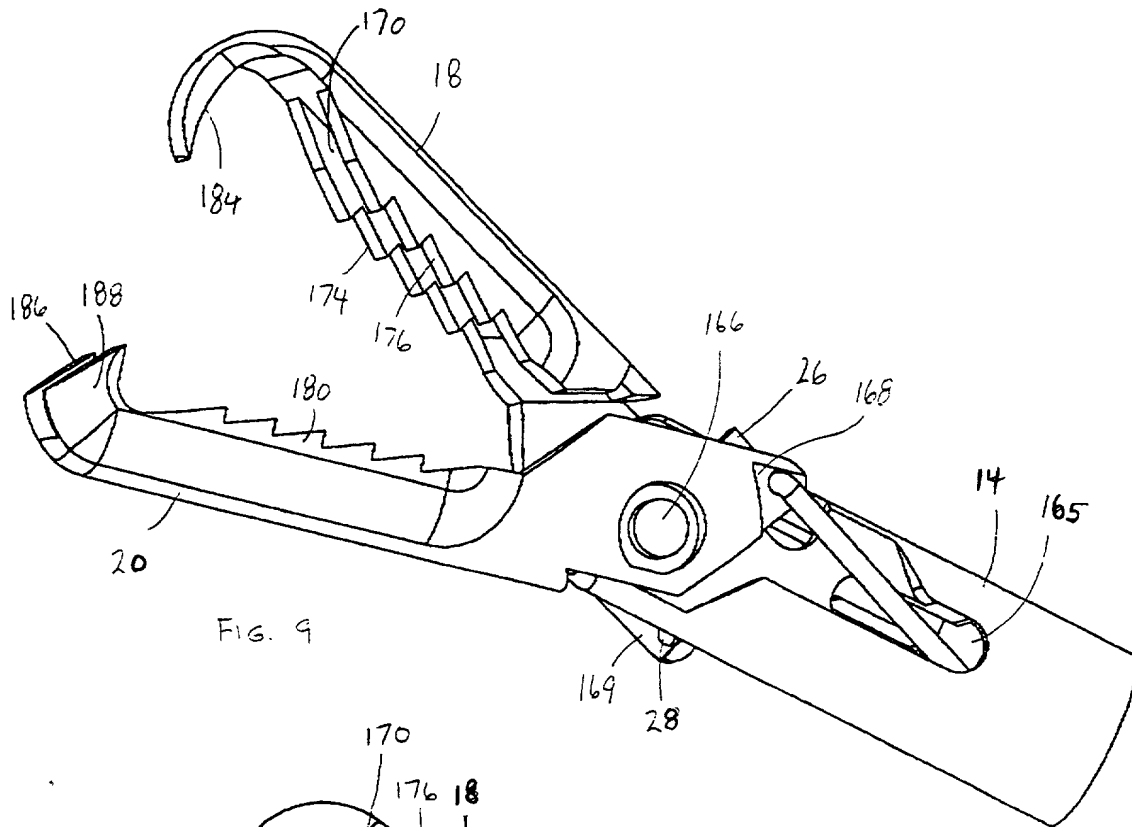


FIG. 9

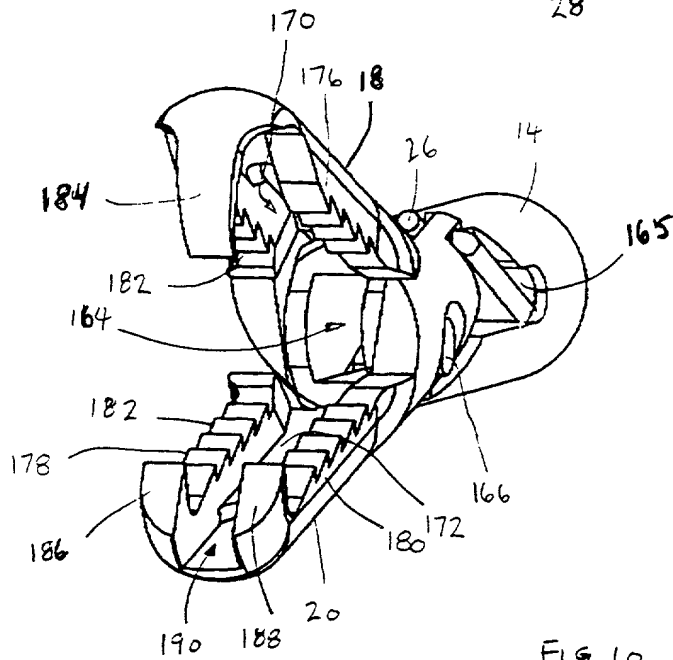


FIG. 10

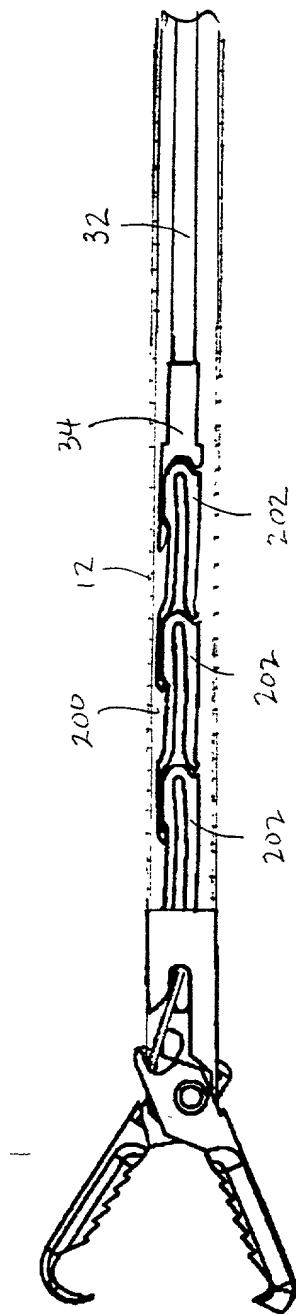


FIG. 11

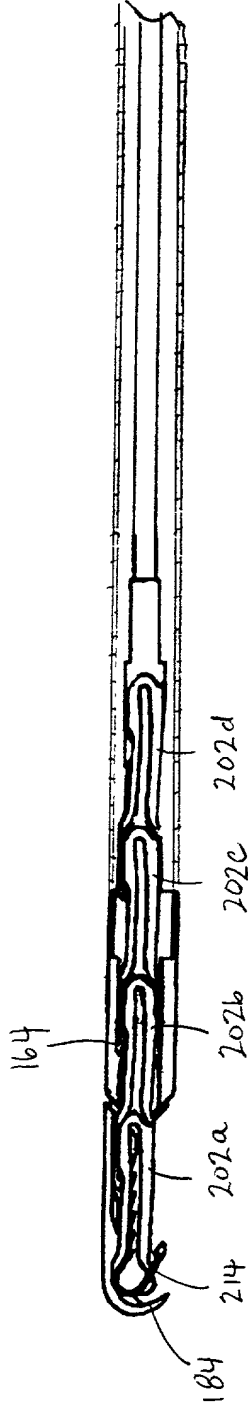


FIG. 17

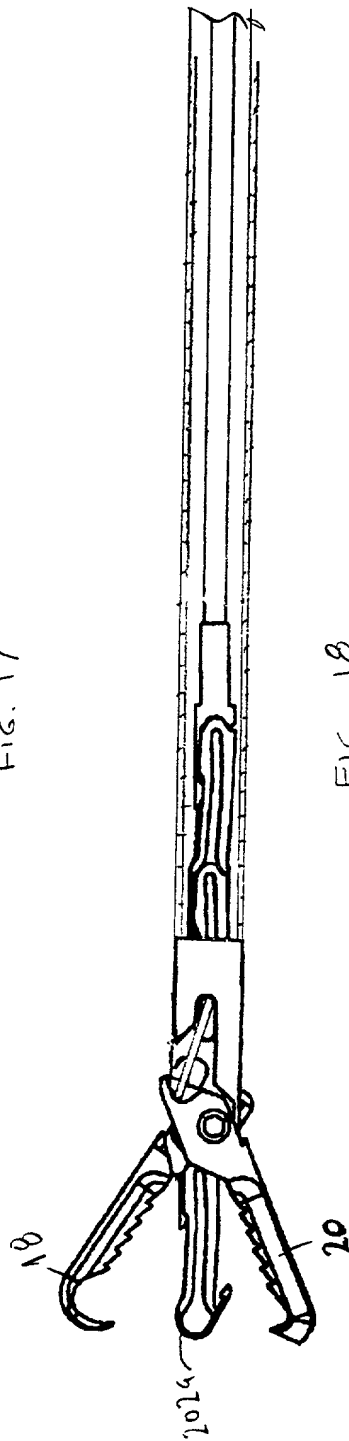


FIG. 18

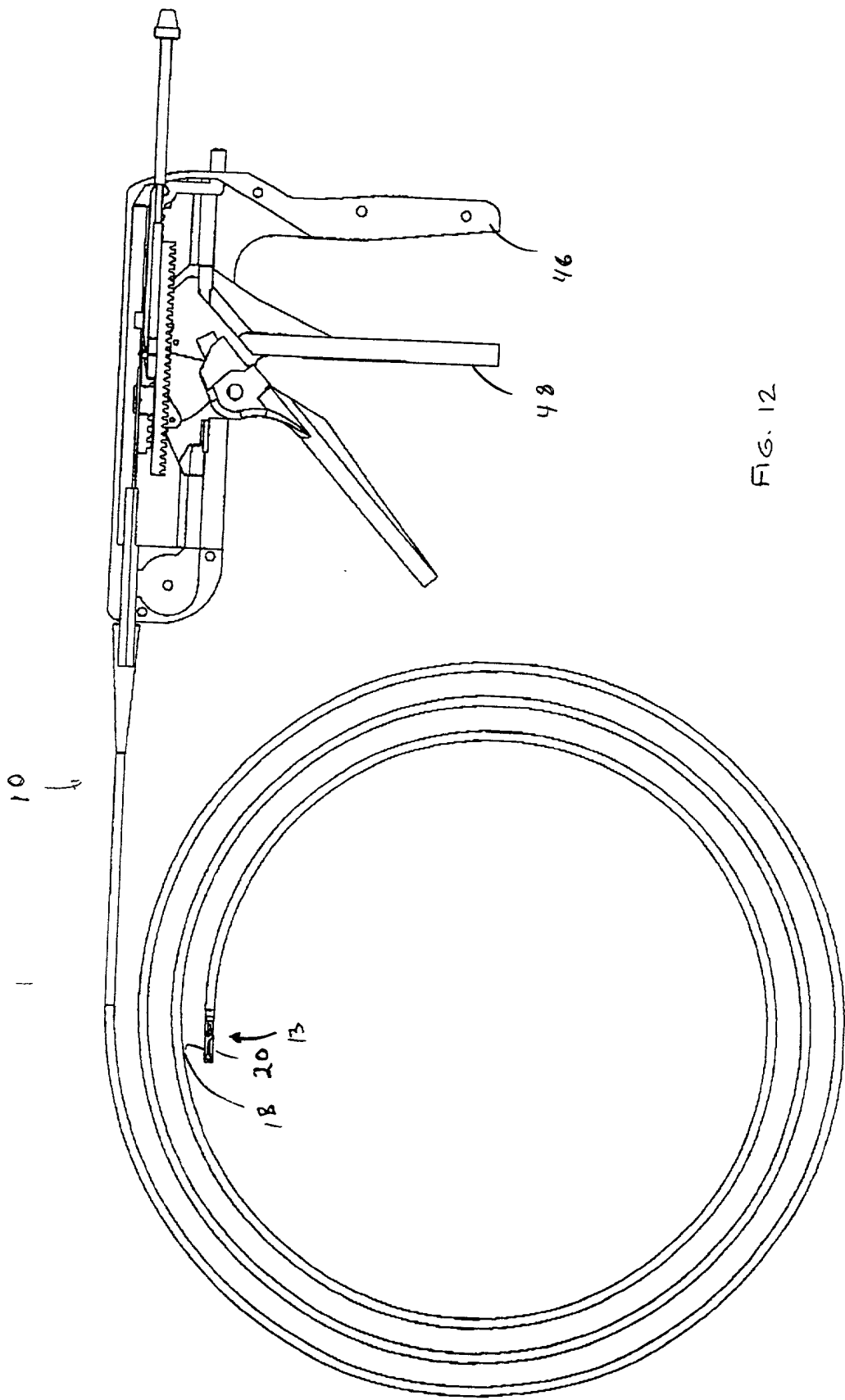


FIG. 12

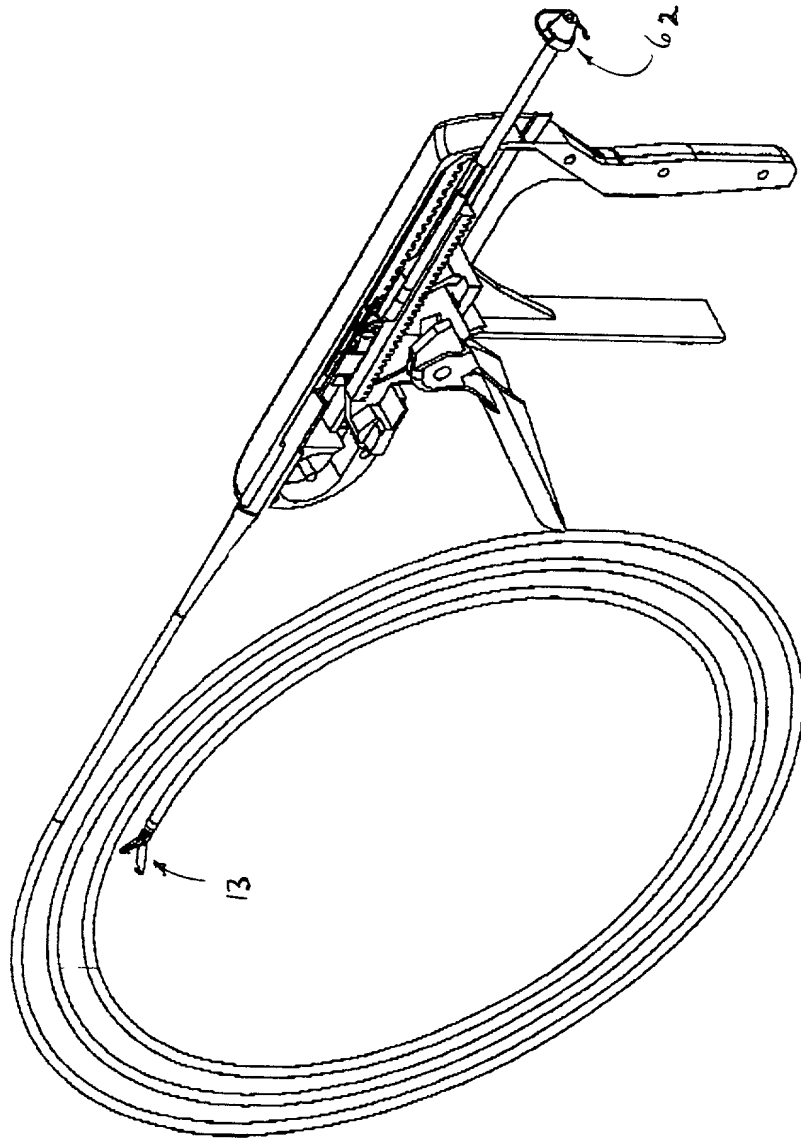
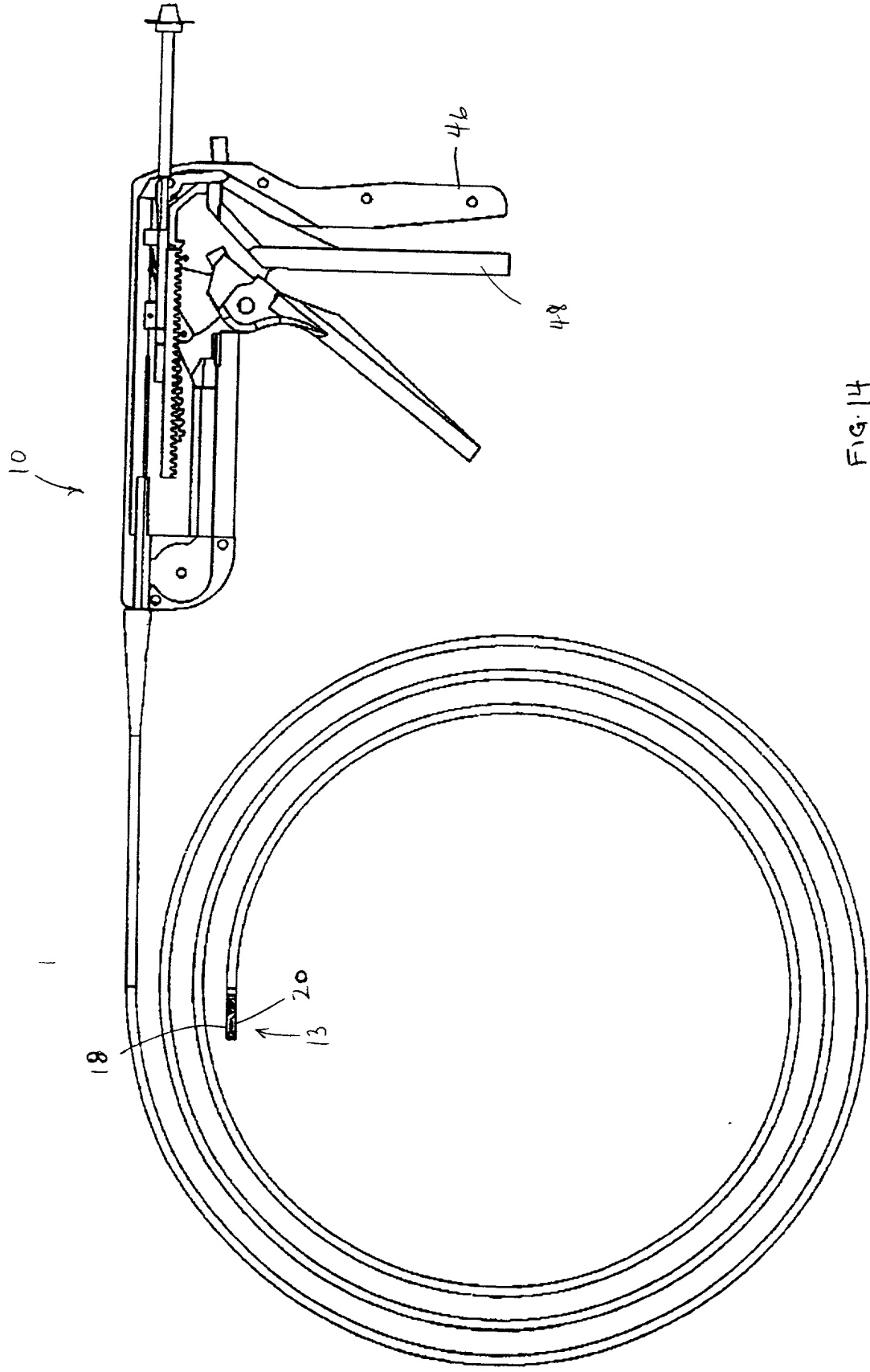


FIG. 13



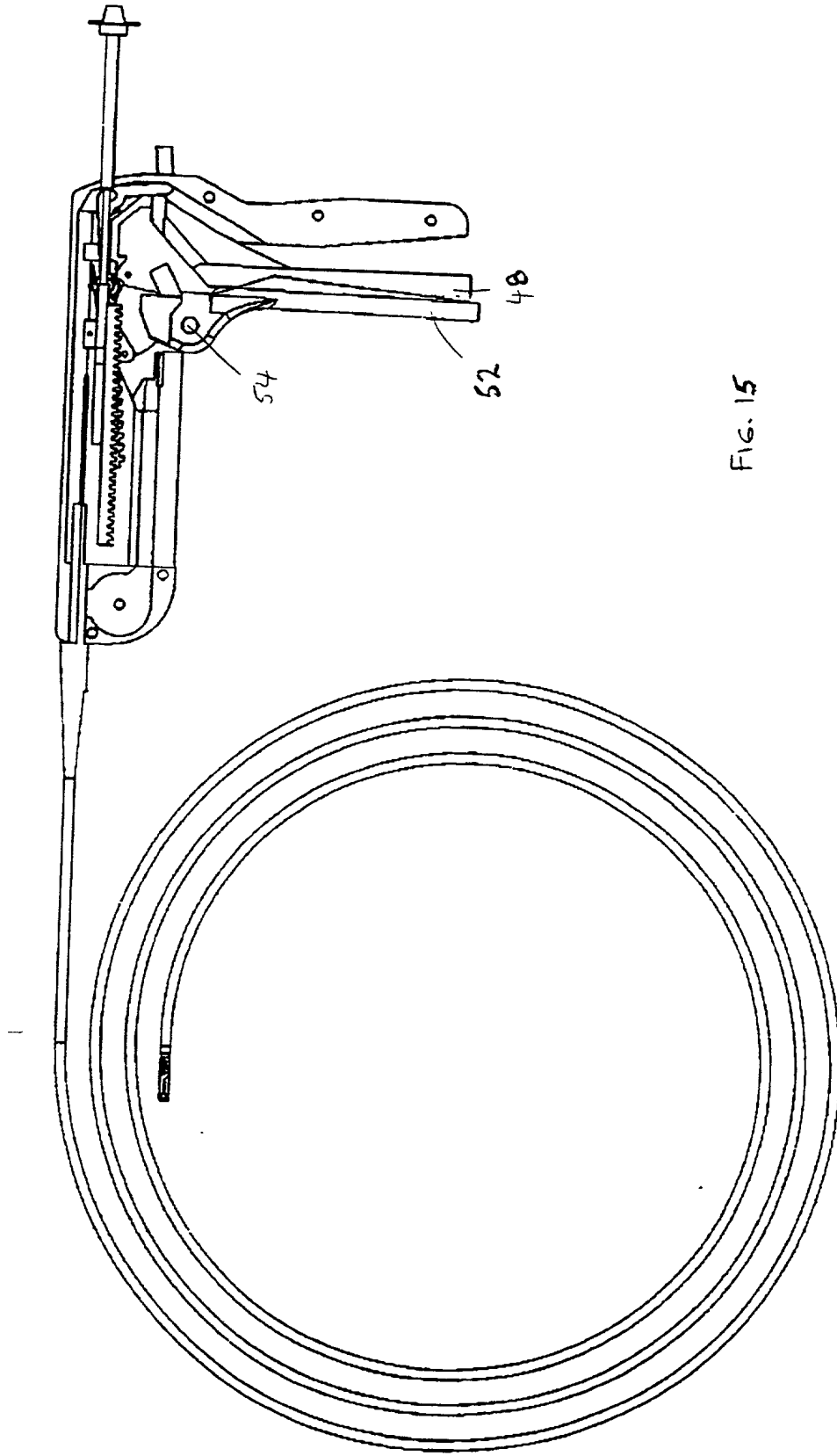


FIG. 15

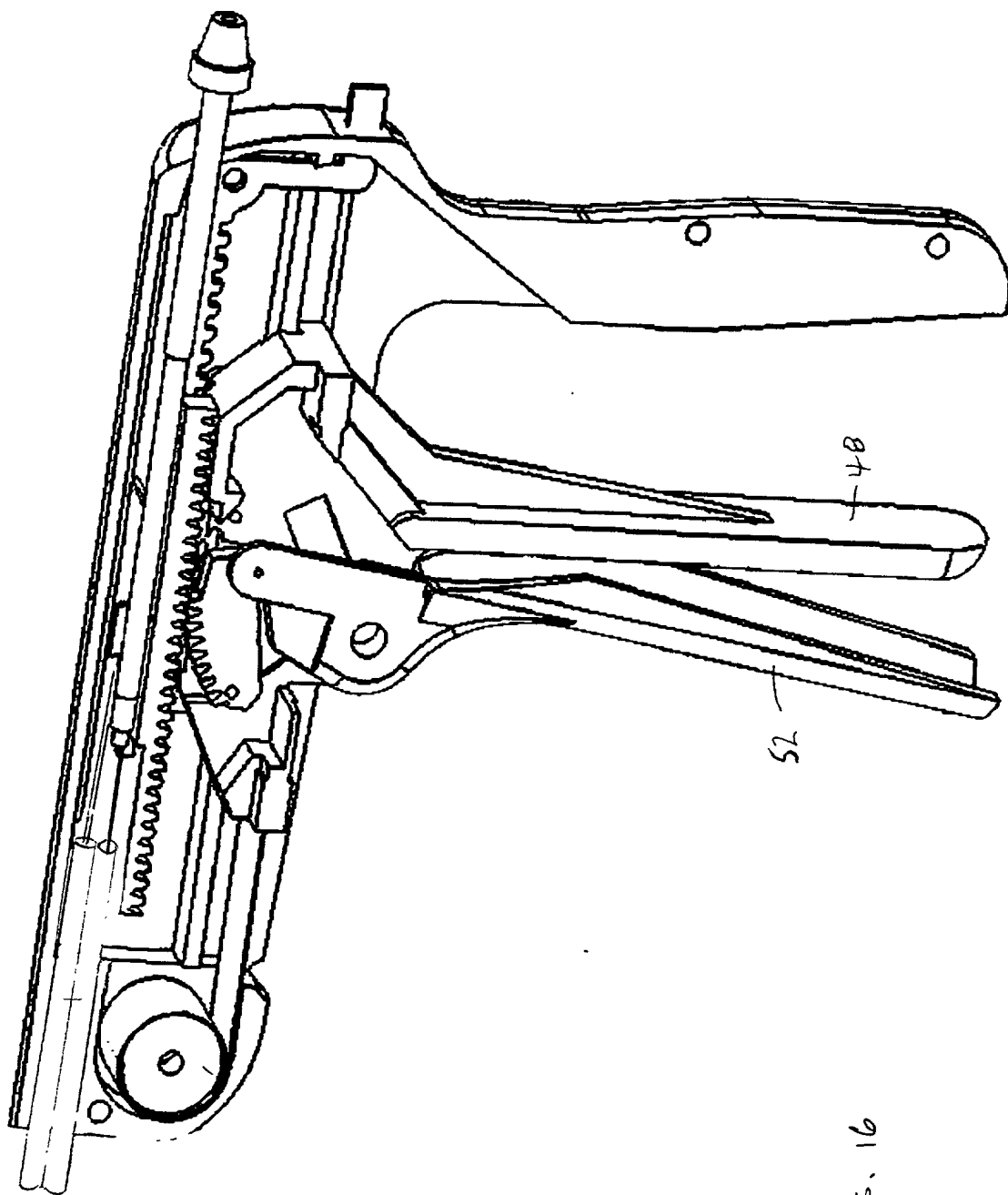
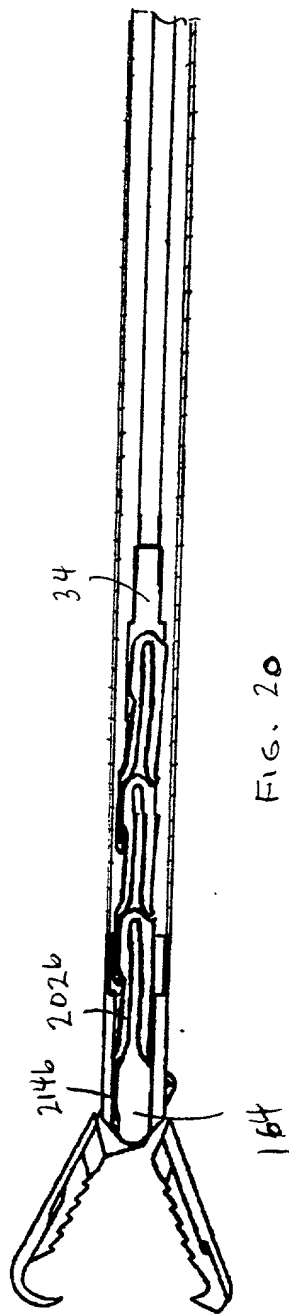
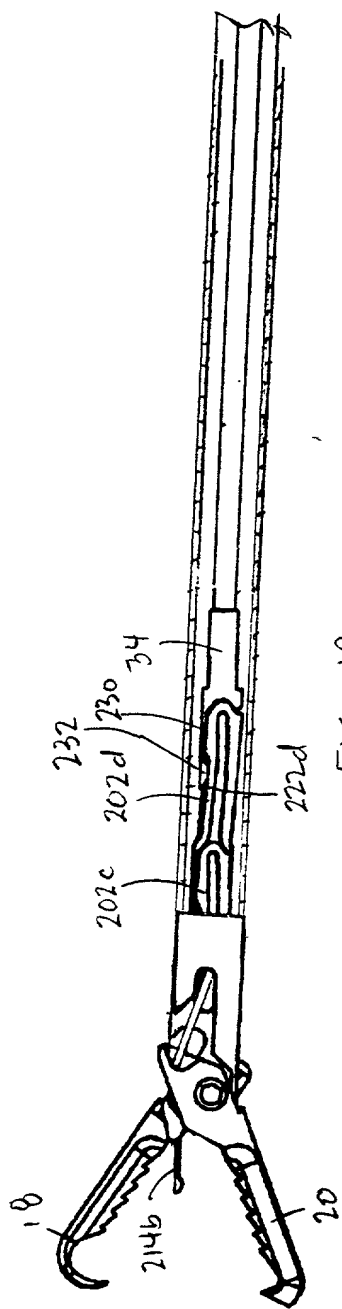


FIG. 16



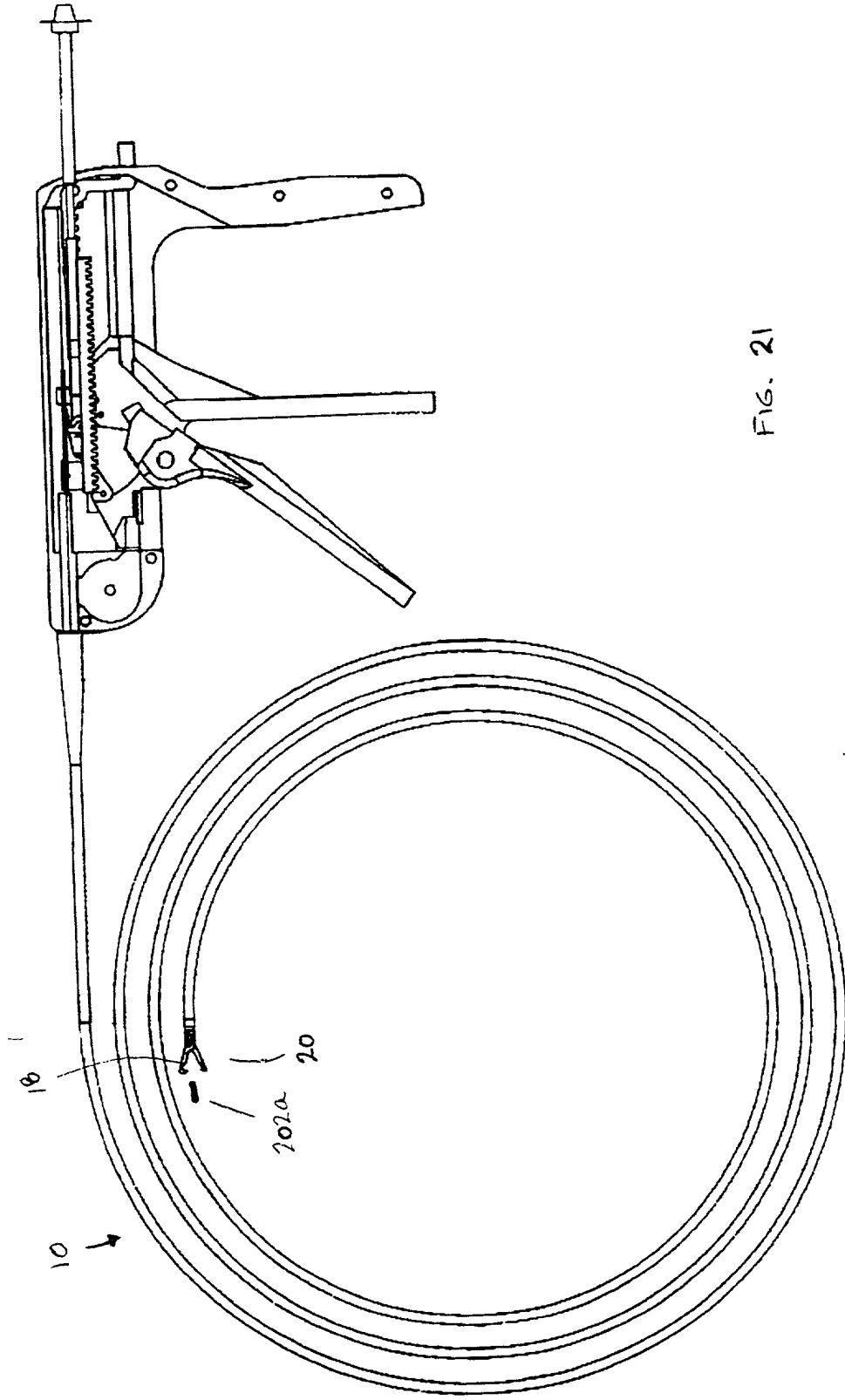


FIG. 21

Coil O.D.	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.086	0.086	0.086	0.083
Coil I.D.	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.053	0.053	0.054	0.054
Clip Advancing Wire O.D.	0.017	0.017	0.017	0.015	0.02	0.02	0.02	0.017	0.017	0.017	0.017
End Effector Wire O.D.	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
Barrier Sheath	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	RUN #1	RUN #2	RUN #3	RUN #4	RUN #5	RUN #6	RUN #7	RUN #8	RUN #9	RUN #10	RUN #11
1 lb	0.46	0.24	0.32	0.54	0.59	0.56	0.45	0.87	0.4	0.57	0.77
2 lb	1.19	0.75	0.9	1.07	1.07	1.07	0.69	1.62	1.12	1.02	1
3 lb	1.67	1.24	1.44	1.51	1.9	1.7	1.02	2.07	1.61	1.39	1.77
4 lb	2.19	1.81	1.98	2.62	2.3	2.6	1.51	2.61	2.01	2.09	2.76
5 lb	2.74	2.35	2.59	2.05	3.07	2.98	2.26	3.5	2.44	3.19	3.15
6 lb	3.27	2.82	2.61	2.11	3.68	3.72	2.56	3.87	2.78	3.5	3.61
7 lb	3.32	3.12	3.37		3.93	3.8	3.34	4.56	3.54	3.92	4.48
8 lb	3.82	3.42			4.03	4.08	3.54	4.61	4.28	4.42	5.17
Weight	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb	11 lb
Position	no loops	1 loop	2 loops	no loops	no loops	1 loop	2 loops	no loops	2 loops	no loops	no loops

FIG. 22

EFFICIENCY PLOT

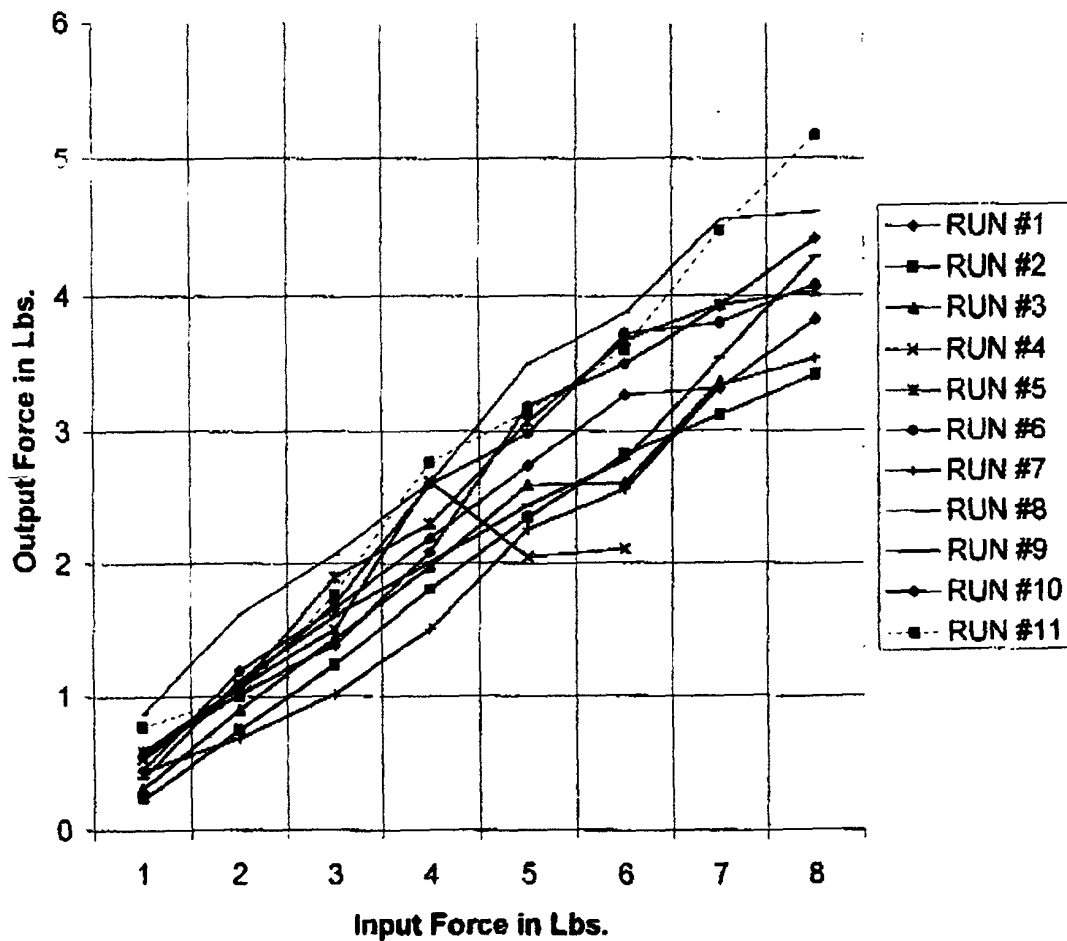


FIG. 23